

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	194251	(spin adj bulb or ((read\$3 or reproduc\$3) near2 (element\$1 or device\$1)) or mr or DOMR or mre or magneto adj2 (resistiv\$3 or resistance\$1) or magnetoresist\$5 or amr or magnetic\$4 adj2 (resistiv\$3 or resistance\$1) or SVMR or TuMR\$1 or CMR\$1 or GMR\$1 or spin adj2 valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr\$1 or mram\$1 or magnetic adj2 (memories or memory) or magnetic adj random adj access adj memor\$3 or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)) or g11b005/39.ipc. or g11b005/33.ipc. or g11b005/127.ipc.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 12:35
L2	242621	shield\$3 or piggyback or (merged near2 head)	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 12:36
L3	5025	1 and 2	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 12:36
L4	628546	g11b\$.ipc.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 12:36
L5	3553	3 and 4	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 12:36
L6	2155576	length or ratio or L1 or L2	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 12:37
L7	3553	5 and 6	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 12:37
L8	1858963	length or ratio or "L1" or "L2"	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 12:37
L9	373	7 and 8	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 13:09
L10	483	360/317.ccls.	US-PGPUB; USPAT	ADJ	OFF	2006/09/07 13:10
L11	417	@ad<="20030623" and 10	US-PGPUB; USPAT	ADJ	OFF	2006/09/07 13:19

## EAST Search History

L12	42348	((PERPENDICULAR\$4 OR VERTICAL\$4 OR OUT ADJ2 PLANE) NEAR4 (write\$1 or writing or ANISOTROP\$3 OR RECORD\$3 OR DATA OR FIELD\$1 OR COMPONENT\$1 OR FLUX\$3 OR STORAGE OR MEDIA OR MEDIUM OR EASY ADJ AXIS OR MAGNETIZATION\$1 or moment or uniaxial\$4 or monoaxial\$5 or unisotrop\$5 or single adj axis or unidirection\$4)).TI,AB,CLM. or ((main or auxiliary or supplementary) near2 pole\$1)	US-PGPUB; USPAT	ADJ	OFF	2006/09/07 13:19
L13	77	11 and 12	US-PGPUB; USPAT	ADJ	OFF	2006/09/07 13:40
L14	1	"10/798363"	US-PGPUB; USPAT	ADJ	OFF	2006/09/07 13:41